
PART I - ADMINISTRATIVE

Section 1. General administrative information

Title of project

Multi-Year Hood River Anadromous Fish Plan

BPA project number: 20519

Contract renewal date (mm/yyyy): ☐ Multiple actions?

Business name of agency, institution or organization requesting funding

Business acronym (if appropriate) CBFWA

Proposal contact person or principal investigator:

Name Tom Giese

Mailing Address _____

City, ST Zip _____

Phone 503-229-0191

Fax _____

Email address _____

NPPC Program Measure Number(s) which this project addresses

FWS/NMFS Biological Opinion Number(s) which this project addresses

Other planning document references

Short description

Target species

Section 2. Sorting and evaluation

Subbasin

Hood River

Evaluation Process Sort

CBFWA caucus	Special evaluation process	ISRP project type
Mark one or more caucus	If your project fits either of these processes, mark one or both	Mark one or more categories
<input type="checkbox"/> Anadromous fish <input type="checkbox"/> Resident fish <input type="checkbox"/> Wildlife	<input type="checkbox"/> Multi-year (milestone-based evaluation) <input type="checkbox"/> Watershed project evaluation	<input type="checkbox"/> Watershed councils/model watersheds <input type="checkbox"/> Information dissemination <input type="checkbox"/> Operation & maintenance <input type="checkbox"/> New construction <input type="checkbox"/> Research & monitoring <input type="checkbox"/> Implementation & management <input type="checkbox"/> Wildlife habitat acquisitions

Section 3. Relationships to other Bonneville projects

Umbrella / sub-proposal relationships. List umbrella project first.

Project #	Project title/description
20519	MYP Hood River Anadromous Fish Plan
9301900	Re-establish spring chinook & winter & summer steelhead.
8902900	Production project for spring chinook.
9500700	O&M Pelton Ladder rearing facility for spring chinook and winter steelhead.
8805303	Fund CTWSRO to monitor & evaluate winter steelhead.
9301900	Fund construction of facilities at Parkdale and Oak Springs Hatchery.
9126	Improve components at multiple sites, including a fish ladder at Tony Creek

Other dependent or critically-related projects

Project #	Project title/description	Nature of relationship

Section 4. Objectives, tasks and schedules

Past accomplishments

Year	Accomplishment	Met biological objectives?

Objectives and tasks

Obj 1,2,3	Objective	Task a,b,c	Task
1	Re-establish naturally sustaining spring chinook using Deschutes stock in the Hood River subbasin.	a	Supplement naturally spawning populations with local broodstock to enhance natural production.
2	Rebuild naturally sustaining runs of summer & winter steelhead in Hood River subbasin.	a	Supplement naturally spawning populations with local broodstock to enhance natural production.
3	Maintain genetic characteristics of the population.	a	Supplement naturally spawning populations with local broodstock to enhance natural production.
4	Contribute to tribal & non-tribal fisheries, ocean fisheries, and NPPC's interim goal of doubling salmon runs.	a	Supplement naturally spawning populations with local broodstock to enhance natural production.
5	Provide optimum habitat for all freshwater life history stages of anadromous salmonids.	a	Improve habitat through the use of instream structures, water quality and quantity optimization, riparian management, passage improvements at barriers and screening of irrigation diversions.
6	Maintain or improve passage for upstream and downstream migrant salmonids.	a	Improve habitat through the use of instream structures, water quality and quantity optimization, riparian management, passage improvements at barriers and screening of irrigation diversions.

Objective schedules and costs

Obj #	Start date mm/yyyy	End date mm/yyyy	Measureable biological objective(s)	Milestone	FY2000 Cost %
				Total	0.00%

Schedule constraints

Completion date

Section 5. Budget

FY99 project budget (BPA obligated):

FY2000 budget by line item

Item	Note	% of total	FY2000
Personnel		%0	
Fringe benefits		%0	
Supplies, materials, non-expendable property		%0	
Operations & maintenance		%0	
Capital acquisitions or improvements (e.g. land, buildings, major equip.)		%0	
NEPA costs		%0	
Construction-related support		%0	
PIT tags	# of tags:	%0	
Travel		%0	
Indirect costs		%0	
Subcontractor		%0	
Other		%0	
TOTAL BPA FY2000 BUDGET REQUEST			\$ 0

Cost sharing

Organization	Item or service provided	% total project cost (incl. BPA)	Amount (\$)
		%0	
		%0	
		%0	
		%0	
Total project cost (including BPA portion)			\$ 0

Outyear costs

	FY2001	FY02	FY03	FY04
Total budget				

Section 6. References

Watershed?	Reference
<input type="checkbox"/>	Draft Multi-Year Anadromous Fish Plan, CBFWA, February 4, 1998
<input type="checkbox"/>	FY1999 Draft Annual Implementation Work Plan, Vol. 1 Tab. 5, CBFWA May 13, 1998
<input type="checkbox"/>	
<input type="checkbox"/>	

PART II - NARRATIVE

Section 7. Abstract

(Replace this text with your response in paragraph form)

Section 8. Project description

a. Technical and/or scientific background

(Replace this text with your response in paragraph form)

b. Rationale and significance to Regional Programs

The Hood River Subbasin in north-central Oregon covers approximately 352 square miles. The Hood River flows northeasterly into the Columbia River. The river's mainstem and its Middle and East forks experience high turbidity and heavy siltation from glacial runoff from Mount Hood.

Federal, state, tribal, and county agencies own or manage lands in the subbasin. The US Forest Service and Hood River County own or manage a significant amount of acreage. Private lands are used for agriculture, as well as timber production. The predominant type of agriculture is irrigated farming. The city of Hood River is the only municipality in the subbasin.

The indigenous anadromous fish species targeted for management in the Hood River Subbasin are spring and fall chinook, winter and summer steelhead, coho, and lamprey. The goal for these species is to restore sustainable, naturally producing populations to support tribal and non-tribal harvest and cultural economic practices while protecting the biological integrity and the genetic diversity of the watershed.

Resource conditions in the Hood River that present problems to these species include the use of non-native/out of subbasin hatchery fish programs in the Hood subbasin; basin wide over-harvest of wild stocks; natural habitat degradation such as turbidity from melting glaciers on Mount Hood, and man-made habitat problems such as unscreened or inadequately screened diversions, water quality degradation, artificial barriers, diverted stream flows in the mainstem and tributaries, and other land management practices.

c. Relationships to other projects

Specific actions intended to carry out the management strategies include the following: Project #9301900 is to re-establish spring chinook and winter and summer steelhead. Project #8902900 was initially a construction project for Pelton ladder rearing facility which was converted to a production project for spring chinook in 1995. Project #9500700 funds PGE for O&M at Pelton Ladder rearing facility for spring chinook and winter steelhead. Project #8805303 funds CTWSRO for monitoring and evaluation and project #8805304 funds ODFW for monitoring and evaluation. Project 9301900 funded design and construction of adult trapping at Powerdale Dam and currently funds design and construction of Parkdale holding and spawning facilities and expansion of hatching and rearing facilities at Oak Springs Hatchery. Project #9126 consists of several habitat improvement components, including construction of a fish ladder on Tony Creek, eliminating a man-made barrier and restoring three miles of winter steelhead, coho, and resident trout spawning and rearing habitat; constructing two water diversion fish screens, eliminating direct fish mortality; and fencing one-half mile of riparian, allowing recovery from livestock.

The managers completed an instream structure and improved adult passage at Moving Falls on the West Fork. A major diversion on the East Fork (East Fork Canal) was screened under a cost-share project.

d. Project history (for ongoing projects)

(Replace this text with your response in paragraph form)

e. Proposal objectives

The entire subbasin is located within the ceded lands of the Confederated Tribes of the Warm Springs Reservation of Oregon (CTWSRO). Much of the subbasin is owned by the US Forest Service, Hood River County Forestry Department, and Longview Fibre Company. PacificCorp Powerdale Dam is a FERC licensed facility and the project is currently undergoing relicense review. The co-managers and fisheries resources co-managed by the Tribes and the Oregon Department of Fish and Wildlife have adopted the following outcome-based objectives: 1) re-establish naturally sustaining spring chinook using Deschutes stock; 2) rebuild naturally sustaining runs of summer and winter steelhead; 3) maintain the genetic characteristics of the population; 4) contribute to tribal and non-tribal fisheries, ocean fisheries, and the Northwest Power Planning Council's interim goal of doubling salmon runs; 5) provide optimum habitat for all freshwater life history stages of anadromous salmonids; and 6) maintain or improve passage for upstream and downstream migrant salmonids.

The managers have defined several strategies that are aimed at meeting the objectives, including supplementing spawning populations with local broodstock to enhance natural production (Objective 1, 2, 3, & 4) accompanied by intensive monitoring and evaluation for adaptive management purposes; and improving habitat through the use

of instream structures, water quality and quantity optimization, riparian management, passage improvements at barriers and the screening of irrigation diversions (Objectives 5 and 6).

f. Methods

(Replace this text with your response in paragraph form)

g. Facilities and equipment

(Replace this text with your response in paragraph form)

h. Budget

(Replace this text with your response in paragraph form)

Section 9. Key personnel

(Replace this text with your response in paragraph form)

Section 10. Information/technology transfer

(Replace this text with your response in paragraph form)

Congratulations!